26. The method as set forth in claim 24 further including:

prior to placing the digital medium in the kit, programming the medium, with information about the surgical tools and the medical appliances in the kit.

27. The method as set forth in claim 23 further including:

prior to placing the digital medium in the kit, programming the digital medium with dimensional information about and depictions of the surgical tools.

28. The method as set forth in claim 23 further including:

after the surgical procedure, deactivating the digital media against reuse.

29. The method as set forth in claim 28 further including:

after the surgical procedure, disposing the surgical instruments and the secure digital media without reuse.

30. A surgical kit comprising:

an identification of a surgical procedure to be performed using the kit;

instrumented surgical tools in sterile condition in sterile packaging which are used in the identified surgical procedure;

medical appliances in sterile condition in sterile packaging which are used in the identified surgical procedure;

an operator control in sterile condition in sterile packaging for electrical interconnection with a graphics processor outside a sterile field; and,

a digital media preprogrammed with a portion of an image guided surgery processing program and descriptive information concerning the tools and the appliances in the kit which is readable by the processor.

31. An image guided surgery system comprising:

a set of surgical tools which are instrumented to be tracked during image guided surgery;

a processor which is preprogrammed with less than all of the software which is used for manipulating diagnostic images during the image guided surgery and for tracking the movement of the instrumented surgical tools during the image guided surgery;

a digital media which is preprogrammed with a remaining portion of the software for processing the diagnostic image data and tracking movement of the instrumented surgical tools and with descriptive information concerning the instrumented surgical tools.

32. The system as set forth in claim 31 wherein the processor includes:

a reader which receives and reads the digital media.

33. The system as set forth in claim 32 wherein the processor further includes:

a deactivator which deactivates the digital media against reuse at the end of an image guided surgical procedure.

34. The system as set forth in claim 32 further including a surgical kit which includes:

an indication of a surgical procedure with which the kit is to be utilized;

the instrumented surgical tools for use in the indicated surgical procedure; and,

the digital media.

35. The system as set forth in claim 34 wherein the kit further includes:

surgical appliances used in the indicated procedure; and

a user input control for controlling the processor, the user input control, the surgical appliances, and the surgical tools all being in sterile condition in the kit.

36. The system as set forth in claim 31 wherein the processor includes:

an interface for interconnection with a source of three-dimensional electronic diagnostic images;

an interface for interconnection with a human-readable display for displaying diagnostic images and superimposed representations of the surgical tools;

an interface for interconnection with a user input control; and,

an interface for interconnection with optical sensors for monitoring position and movement of the instrumented surgical tools.

37. The system as set forth in claim 31 wherein the digital media includes:

a first memory portion which stores the remain software portion;

a second memory portion which stores descriptive characteristics of the instrumented surgical tools;

a third memory section which stores shape displays corresponding to the surgical tools for display superimposed on a display of the diagnostic image; and,

a fourth memory portion which carries additional information.

38. In an image guided surgery system having a tracking system for tracking movement of surgical tools,